1	What	What is claimed is:		
2	1.	A method for mapping procedural code to object-oriented classes,		
3	comp	comprising:		
4		starting a graphical user interface ("GUI") in a procedural		
5		programming language process space, wherein a user enters a command		
6		through the GUI;		
7		initializing a mapping layer in an object-oriented programming		
8		language process space, wherein the mapping layer comprises entry-points		
9		that have corresponding algorithms that invoke object-oriented class		
10		instantiation methods and/or remote method invocations ("RMIs");		
11		executing a GUI callback in response to the command, wherein the		
12		GUI callback comprises procedural code and wherein executing a GUI		
13		callback in response to the command comprises:		
14		invoking one of the entry-points; and		
15		the mapping layer executing an algorithm corresponding to the		
16		invoked entry-point.		
17				
18	2.	The method of claim 1, wherein executing the algorithm comprises invoking		
19	a clas	a class instantiation method.		
20				
21	3.	The method of claim 1, wherein executing the algorithm comprises invoking		
22	an RI	an RMI.		
23				
24	4.	The method of claim 1, wherein the procedural programming language is		
25	C++.			
26				
27	5.	The method of claim 1, wherein the object-oriented programming language		
28	is Jav	ra.		
29				
30	6.	The method of claim 5, wherein the mapping layer is accessed through a		
31	Java Native Interface ("JNI") and invoking one of the entry-points comprises:			
32		invoking a JNI application programming interface ("API") call,		
33		wherein the JNI API call invokes one of the entry-points.		
34				

1	7. The method of claim 6, wherein the mapping layer is proxied in the		
2	procedural programming language process space by a proxy object that includes		
3	proxy object methods corresponding to the entry-points, and executing a GUI		
4	callback further comprises:		
5	invoking one of the proxy object methods, wherein the invoked		
6	proxy object method performs the invoking one of the entry-points step.		
7			
8	8. The method of claim 1, wherein the entry-points are methods of the mapping		
9	layer.		
10			
11	9. The method of claim 1, further comprising returning data to the procedural		
12	programming language process space.		
13			
14	10. A computer readable medium containing instructions for mapping		
15	procedural code to object-oriented classes, by:		
16	starting a graphical user interface ("GUI") in a procedural		
17	programming language process space, wherein a user enters a command		
18	through the GUI;		
19	initializing a mapping layer in an object-oriented programming		
20	language process space, wherein the mapping layer comprises entry-points		
21	that have corresponding algorithms that invoke object-oriented class		
22	instantiation methods and/or remote method invocations ("RMIs");		
23	executing a GUI callback in response to the command, wherein the		
24	GUI callback comprises procedural code and wherein executing a GUI		
25	callback in response to the command comprises:		
26	invoking one of the entry-points; and		
27	the mapping layer executing an algorithm corresponding to the		
28	invoked entry-point.		
29			
30	11. The computer readable medium of claim 10, wherein executing the		
31	algorithm comprises invoking a class instantiation method.		
32			
33	12. The computer readable medium of claim 10, wherein executing the		
34	algorithm comprises invoking an RMI.		

1				
2	13.	The computer readable medium of claim 10, wherein the procedural		
3	progr	programming language is C++.		
4				
5	14.	The computer readable medium of claim 10, wherein the object-oriented		
6	progr	programming language is Java.		
7				
8	15.	The computer readable medium of claim 14, wherein the mapping layer is		
9	acces	accessed through a Java Native Interface ("JNI") and invoking one of the entry-		
10	point	points comprises:		
11		invoking a JNI application programming interface ("API") call,		
12		wherein the JNI API call invokes one of the entry-points.		
13				
14	16.	A computer system that enables the mapping of procedural code to object-		
15	orien	oriented classes, comprising:		
16		a memory;		
17		a processor that runs an application, wherein the application		
18		generates:		
19		a graphical user interface ("GUI") in a procedural		
20		programming language process space, wherein users enter		
21		commands through the GUI; and,		
22		a mapping layer in an object-oriented programming language		
23		process space, wherein the mapping layer comprises entry-points that		
24		have corresponding algorithms that invoke object-oriented class		
25		instantiation methods and/or remote method invocations ("RMIs").		
26				
27	17.	The computer system of claim 16, wherein the GUI executes callback code		
28	in res	in response to an entered command and the executed callback code invokes one of		
29	the m	the mapping layer entry-points.		
30				
31	18.	The computer system of claim 16, wherein the entry-points are mapping		
32	layer	layer methods that are accessed from the procedural programming language proces		
33	space	though application programming interface ("API") calls.		
34				

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1	19.	The computer system of claim 16, wherein the procedural programming	
2	language is C++.		
3			
4	20.	The computer system of claim 16, wherein the object-oriented programming	
5	language is Java and the object-oriented programming language process space is a		
6	Java Virtual Machine.		